Postal Service Mail.XML Electronic Application Process

For

Mailer IDs (MID) and Customer Registration IDs (CRID)

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Release

Version 1.6.5

Prepared by
United States Postal Service

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Document Change History

Following are the changes from Version 1.6.4 to Version 1.6.5

Editor	*Date*	*Section #*	*Title*	*Description*
Mema Bamba	09/29/2011	All		Changed the number of CRID and MID requests to be sent at a time from fifty (50) for both to twenty (20) for CRID and two (2) for MID for more efficient processing of the request.
Mema Bamba	09/29/2011	2.0	MID and CRID Application Process	Added **Note2:** The MID and CRID systems are extremely slow. It is therefore recommended to send CRIDs and MIDs in groups of twenty (20) CRID or two (2) MID requests. If the systems are not able to process the request within ten (10) seconds, a fault response is returned to the user with a Tracking Id that the user can use to retrieve the response at a later time.
Mema Bamba	09/29/2011	All		Replace Mail.XML 10.0 by Mail.XML 10.0 given that the latest Mail.XML supporting USPSMIDCreateRequest and USPSCRIDCreateRequest messages is version 10.0

Following are the changes from Version 1.6.3 to Version 1.6.4

Editor	*Date*	*Section #*	*Title*	*Description*
Mema Bamba	Wed Aug 16,2011 Thu Aug 18, 2011	All	All	Updated the styles and format throughout the document
Mema Bamba		Appendix A	Appendix A – Mail.XML 8.1 Complex and Attribute Groups Definitions	a. Updated the Legal Acknowledgement Block CRID Type with the complete legal statement b. Updated the Legal Acknowledgement Block MID Type with the complete legal statement c. Corrected references to other Complex and Simple Types
Mema Bamba		Appendix B	Appendix B – Mail.XML 10.0 Complex and Attribute Groups Definitions	a. Updated the Legal Acknowledgement Block CRID Type with the complete legal statement b. Updated the Legal Acknowledgement Block MID Type with the complete legal statement

Editor	Date	Section #	Title	Description
				c. Corrected references to other Complex and Simple Types
Mema Bamba		3.0	MID and CRID Application Process	a. Updated the whole section with corrections and clarifications on processing CRID and MID requests in TEM vs. Production. b. Updated the Prerequisites and Process for both CRID and MID request sections.
Mema Bamba		1.0	Postal Service Mail.XML	a. Updated the section to split the Overview into its own section. B. Updated the General XML information section.
Mema Bamba		4.0	Data Structure and Business Rules for Mail.XML 8.1 Specification	a. Updated references to Complex Types; fixed the Appendix references. b. Reformatted the Prerequisites and Business Rules
Mema Bamba		5.0	Data Structure and Business Rules for Mail.XML 10.0 Specification	a. Updated references to Complex Types; fixed the Appendix references. b. Reformatted the Prerequisites and Business Rules

Following are the changes from Version 1.6.2 to Version 1.6.3

Date	Section #	Title	Description
Mon Aug 15,2011		Document Change History	Inserted a Document Change History section
	8.0	Appendix C – Simple Types Data Structure	Reduce the Simple Types to the ones only contained in MID/CRID Message and Complex Types

1. Postal Service Mail.XML

1.1 Overview

This document concentrates on helping the mailers understand how they can use Mail.XML electronic means to receive their Mailer IDs and CRIDs necessary for By/For identification for Full Service mailings. The USPS is no longer supporting manual Excel sheet based application process when the MIDs and CRIDs are needed for multiple Mail Owners.
The document describes the Mail.XML messages that can be leveraged to apply for MIDs or CRIDs electronically for mailers and mail owners.

1.2 Purpose

The purpose of this Technical MID/CRID application process document is to supplement the Postal service Mail.XML technical guide for Data Distribution and profiles, so that specific focus can be given to the MID and CRID application process which is also documented in the above mentioned technical specification.

Document Scope

This document is divided into following sections:

- Section 1.0: This section provides an overview of the Mail.XML and also states the purpose of this document.
- Section 2.0: This section provides an overview of the Profile Management functionalities for MID and CRID application
- Section 3.0: This section provides technical information (Data Structure and Business Rules) for all messages supported in Mail.XML 8.1 and 10.0 specifications
- Section 4.0: This section provides technical information (Data Structure and Business Rules) for all messages supported in Mail.XML 8.1 and 10.0 specifications

1.3 Intended Audience

The intended audience for this document are technical programmers and technical managers. Prior knowledge of XML language, Mail.XML and Mail.dat functionalities will greatly improve the understanding of this document. Majority of the codes used in the Mail.XML base XSD comes from the Mail.dat specification. USPS recommends the reading of Mail.dat to understand the meaning of the flags used by IDEAlliance in
Mail.XML is necessary.

1.4 What is Mail.XML?

Mail.XML™ is an XML-based IDEAlliance® (www.mailxml.org) specification for web services supporting the (SOA) Services Oriented Architecture that is conversational in nature and platform independent. Web Services uses simple HTTP(s) protocol to communicate data over the Internet, hence bypassing technology-specific restrictions and avoiding network-related security rules. Sound implementations of web services are safe, secure, platform-independent, support near real time communication, and increase efficiency of conducting business in most business environments.

More importantly, the Mail.XML allows business function-specific communication and faster change management processes with no impact to other service providers/mailing environments within the mailing industry (you can add optional fields or new messages without requiring every

software in the mailing supply chain to change), which has been a core improvement area for the Mail.dat® specification. Mail.XML is a complement to Mail.dat, where people using Mail.dat can continue to use it as a database, but will use Mail.XML for communication, automation of business to business processing, and getting answers in near real time from their business partners including the USPS.

The Mail.XML 8.0 functionality, when implemented in March 2010, will have four major business functions: eDoc messages, data distribution messages, profile management messages, and FAST scheduling messages but the focus of this document is profile management messages. These Mail.XML-based business functions will surpass any functionality available today through any data interface with the USPS®. The IDEAlliance Mail.XML version 8.0 specification is composed of families of related messages that provide all the capability that Mail.dat specification provided, as well as business function support that Mail.dat did not provide. Business functions supported include ability to request data on Customer Registration ID (CRID), and Mailer ID (MID). The specification also provides the mailing industry to conduct many business functions through near real time communication mechanisms specifically to support joint scheduling and transportation management communications.

All business functions supported by the USPS as part of the Mail.XML implementation are based upon SOA (Services Oriented Architecture). With this architecture, where mailer's software manages the data transactions for query, create, update, and cancel business functions as well as subscription model. Additionally, mailers software is able to receive synchronous and asynchronous transactions through Web Services protocol from the USPS in support of the just-in-time communication architecture.

1.5 Roadmap of Mail.XML

The table below shows the roadmap of the Mail.XML versions - starting from currently supported versions to versions that will be supported in November 2011.

Release/Date	Profile Management
Now	v7.0C, v8.0B and 8.1 (support for 7.0C, and 8.0B will stop in October 2011)
November 2011	V8.1 and v10.0
January 2012	V10.0 and v11.0x

The table below lists all Mail.XML Profiles Management messages for MIDs and CRIDs by versions. The versions listed below are 8.1 (Supported today) and 10.0C (will be supported from November 2011).

NOTE: Mail.XML 7.0C and 8.0B will no longer be supported after October 2011.

Table 1-1: Profiles Management Messages List By Mail.XML Versions

Message Name	Supported in Mail.XML 10.0	Supported in Mail.XML 8.1
USPSCRIDCreateRequest	X	X
USPSCRIDCreateResponse	X	X

USPSMIDCreate Request	**X**	**X**
USPSMIDCreateResponse	**X**	**X**

1.6 General XML and Web Services Information

XML
XML stands for eXtensible Markup Language and it is designed to transport and store data. For general information on XML visit http://www.w3schools.com/xml/default.asp
XSD
An XSD is the XML Schema that describes the structure of an XML document. For general information on XSD please visit http://www.w3schools.com/Schema/default.asp
Web Service
A Web Services is a feature that converts your software into an internet-based software and publish its functions/message to the users of the internet. For general information on Web Services please visit:
http://www.w3schools.com/webservices/default.asp
http://www.w3schools.com/wsdl/default.asp
http://www.w3schools.com/soap/default.asp

1.7 Environments Supported by USPS

The following is the list of environments with detail description of each of the environment that will be supported by USPS:

TEM (Testing Environment): This environment is used for software approval processes for all mailers prior to moving into the production environment. Mailers must work with the help desk to start the approval process for their software, and must be approved in the TEM environment, prior to sending Mail.XML data transactions in the Production environment. *Please note that the CRID and MID requests in the TEM environment must utilize dummy/test data. Data entered for CRID and MID requests makes it to the production environment. It is requested that only a few CRID and a few MID requests be processed.*

Production Environment: This environment will be used by all customers that have been approved in the TEM environment by the USPS to start sending the transaction/messages.

1.8 PostalOne! WSDL Information

All web services transactions that are made with the USPS should comply with the WSDL specification that are posted on RIBBS® and can be downloaded from the following location:
http://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/xmlspec/wsdls/wsdls.htm

A web services request must include a valid and active USPS User ID and Password as defined in the UserAuthenticationInfo.xsd file that is provided as part of the WSDL downloable files. A typical web service message construct defined is as follows:

```
<wsdl:message name="DeliveryApptContentUpdateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptContentUpdate" element="tns:apptContentUpdate"/>
</wsdl:message>
```

With the following

String-typed WSDL:

```
        <wsdl:message name="StartTheClockQueryRequest">
                <wsdl:part element="auth:AuthenticationInfo" name="authInfo"/>
```

```
        <wsdl:part element="tns:startTheClockQuery" name="startTheClockQuery"/>
    </wsdl:message>
```

XSD-typed WSDL:

```
    <wsdl:message name="FullServiceStartTheClockQueryRequest">
        <wsdl:part
        element="uspsmxml:FullServiceStartTheClockQueryRequest"
        name="FullServiceStartTheClockQueryRequest"/>
    </wsdl:message>
```

USPS will validate and authenticate the user information before processing the request. An error message will be returned in response to the web service request for invalid user information.

Types of WSDLS

There are two types of WSDLs approach i.e. String-Type WSDL and Message-Type WSDL. Following is basic information on each of the WSDL type to help customer understand what are the advantages and disadvantages of consuming String Vs Message Type WSDL:

- **Consuming String-Type WSDLs:**

  This method is more generalized, in which customer needs to manually register each message type and register all services in their environment to later use for invoking the remote service. This is a manual process and cannot be automated easily, which is the major disadvantage of using this method. The advantage is that one string type WSDL can be used for any versions of Mail.XML but they need to be manually registered in the code. The USPS is keeping this string type until Mail.XML 9.0X implementation. After Mail.XML 9.0X implementation, USPS will move strictly to the Message-Type WSDLs to help the industry.

- **Consuming Message-Type WSDLs:**

  This method eliminates the need of manually registering each service and message type in their environment. With this method - customer can use automated tool that can setup their environment without the hassle of manually registering each service. However, this approach requires updates to WSDLs everytime a new Mail.XML version is released. In other words, it is tightly coupled with the Mail.XML Specification Version. The USPS is transitioning to this type of Message WSDLs to help the industry remove manual editing and registering of messages. USPS will stop supporting String-Type WSDLs post Mail.XML 9.0 release, so we recommend everyone in the industry to make plans to move to the message Type WSDLs.

The customer must use either string-type or message-type URL to consume the services. These URL's are provided in Appendix D.

2. MID and CRID Application Process

This section covers the process that can be followed to process of CRIDs and MIDs in groups of twenty (20) CRID or two (2) MID requests.
Note1: that in order to use the USPS Web Services in the production environment all users must first complete the testing in the USPS TEM environment.

Note2: The MID and CRID systems are extremely slow. It is therefore recommended to send CRIDs and MIDs in groups of twenty (20) CRID or two (2) MID requests. If the systems are not able to process the request within ten (10) seconds, a fault response is returned to the user with a Tracking Id that the user can use to retrieve the response at a later time.

2.1 Requesting CRIDs using Mail.XML Web Services

This section covers the CRID request process using Mail.XML. This section is written to support those mailers/users who wish to request for multiple CRIDs in one message.
Note: The MID and CRID Mail.XML requests are processed using the USPS production systems. Therefore, it is very important that the CRID and MID testing scenarios are successfully executed only one time. In order to avoid performance related issues, the Postal Service recommends that the CRID request sent in TEM or Production environment should have no more than twenty (20) CRID requests grouped in one message.

2.1.1 Preconditions:

1. Review the TEM approval guide "Full-Service Data Feedback Authorization Guide for Mail.XML" located at RIBBS. This guide covers testing scenarios for the CRID and MID generation. Users are required to fill out the Survey form to identify that they wish to test CRID/MID functionality. Completing the survey forms will also initiate the process of mailer/user activation in the TEM (Test environment). Successful tests must be performed in the TEM environment in order to initiate activation in the production environment.
2. Addresses and Company names for TEM testing and real Production environments:
    a. When testing in TEM environment, send test data for the CRID generation requests. The CRIDs generated in the TEM environment are also transmitted to the production environment. Company names that are made-up company names and addresses that do not belong to that facility should be used as test data. Note that the addresses for the CRIDs are matched against the USPS Address Management System Database (AMS) system, therefore, for the CRID request to work the addresses must be real addresses.
    b. When requesting CRIDs in production environment, correct Company names and correct corresponding addresses should be used.
3. The requester will need one CRID and a Business Customer Gateway account to send this request.
4. The CRIDs can be requested for ones own organization, as well as, for a partner. The Mail.XML message requires the submitter to inform USPS if the request is "ApplyingForSelf" as a Yes or No indicator. Yes is translated as the request is for ones own organization, and No is translated as the request is for ones partner. In case No is selected, the Mail.XML Legal Acknowledgement block becomes required and submitter/agent must provide the full legal acknowledgement statement as defined in the sections below.

2.1.1 Process:

Note: this section covers an overview of the CRID request process. For detailed Technical Specifications and to identify exactly what format the data is required and what field are required, please review the sections below labeled as "Data Structure and Business Rules for Mail.XML…."

1. Compile the list of addresses for the CRID with the required information as provided in this guide. For more information please review the section Prerequisites above.
2. Convert the list into compatible Mail.XML XSD verified form.

3. It is highly recommended that the requester sends only twenty (20) CRID addresses in one request. Multiple requests can be sent one after the other. For testing in the TEM environment we request that only one successful CRID Create Request be processed, as the CRIDs get transmitted to the Production environment. As for production multiple CRID Create Requests can be sent as needed, with no more than twenty (20) CRID requests in each.

2.1.1 USPS CRID Create Request Overview

Please refer to the USPSCRIDCreateRequest section in this document for details on the required fields and the business logic. Below is a snapshot of this Mail.XML message; more details are listed in the sections below.

Field	Sub Field	Format	Required
SubmittingParty			Required for system
Submitting Software			Required for system
CRIDEntry			
	Company Name	String 40	Required
	Permit Publication Data		Optional
	Company HQ Indicator	Yes or No simple type	Optional
	Address		Required
	Address Match	Yes or No	Required
	Applying For Self	Yes or No	Required
	Legal Acknowledgement Block		Conditional; required if ApplyingForSelf is set to “No”

2.2 USPS MID Create Request Overview

This section covers the MID request process using Mail.XML. This section is written to support those mailers/users who wish to request for many MIDs at the same time.
Note: The MID and CRID Mail.XML requests are processed using the USPS production systems. Therefore, it is very important that the CRID and MID testing scenarios are successfully executed only one time. In order to avoid performance related issues, the Postal Service recommends that the CRID request sent in TEM or Production environment should have no more than twenty (20) CRID requests grouped in one message.

2.2.1 Preconditions:

1. Review the TEM approval guide “Full-Service Data Feedback Authorization Guide for Mail.XML” located at RIBBS. This guide covers testing scenarios for the CRID and MID generation. Users are required to fill out the Survey form to identify that they wish to test CRID/MID functionality. Completing the survey forms will also initiate the process of mailer/user activation in the TEM (Test environment). Successful tests must be performed in the TEM environment in order to initiate activation in the production environment.
2. Addresses and Company names for TEM testing and real Production environments:
    a. When testing in TEM environment, send test data for the CRID generation requests. The CRIDs generated in the TEM environment are also transmitted to the production environment. Company names that are made-up company names and addresses that do not belong to that facility should be used as test data. Note that the addresses for the

CRIDs are matched against the USPS Address Management System Database (AMS) system, therefore, for the CRID request to work the addresses must be real addresses.

b. When requesting CRIDs in production environment, correct Company names and correct corresponding addresses should be used.

3. The requester will need one CRID and a Business Customer Gateway account to send this request.
4. The CRIDs can be requested for ones own organization, as well as, for a partner. The Mail.XML message requires the submitter to inform USPS if the request is "ApplyingForSelf" as a Yes or No indicator. Yes is translated as the request is for ones own organization, and No is translated as the request is for ones partner. In case No is selected, the Mail.XML Legal Acknowledgement block becomes required and submitter/agent must provide the full legal acknowledgement statement as defined in the sections below.

2.2.1 Process:

Note: this section covers an overview of the MID request process. For detailed Technical Specifications and to identify exactly what format the data is required and what field are required, please review the sections below labeled as "Data Structure and Business Rules for Mail.XML…."

1. Compile the list of MID information and address with the required information as provided in this guide.
   Note: In the TEM environment only dummy addresses and dummy company names must be used. You must not use real data in TEM as it will cause that data to be transmitted to the production CRID / MID system.
2. Convert the list into compatible Mail.XML XSD verified form.
3. It is highly recommended that the requester sends only two (2) MID addresses in one request. Multiple MID requests can be sent one after the other.
4. Compile the list of addresses with the required information as provided in this guide. For more information please review the section Prerequisites above.
5. Convert the list into compatible Mail.XML XSD verified form.
6. It is highly recommended that the requester sends only two (2) MID requests in one Mail.XML MID Create Request message. For testing in the TEM environment we request that only one successful CRID Create Request be processed, as the CRIDs get transmitted to the Production environment. As for production multiple CRID Create Requests can be sent as needed, with no more than twenty (20) CRID requests in each.

2.2.1 USPS MID Create Request (USPSMIDCreateRequest)

Please refer to the USPSMIDCreateRequest section in this document for details on the required fields and the business logic. Below is a snapshot of this Mail.XML message.

Field	Sub-Field	Format	Required
SubmittingParty			Required
SubmittingSoftware			Required
MIDEntry			Required
	CustomerCRID	CRIDType simple type	Required
	ApplyingForSelf	yesNo simple type	Required
	LegalAcknowledgment Block	legalAcknowledgementBlockMIDType complex type	Conditional; required if ApplyingForSelf is set to "No"

3. MID and CRID Mail.XML Messages Overview

3.1 Overview

As part of the Mail.XML 8.1 and Mail.XML 10.0 Web Services messages; USPS will allow mailers with the capability to manage their corporate identification. Following is the list of Mail.XML messages that will be supported in November 2011.

Following is the list of messages supported in Mail.XML 8.1 and Mail.XML 10.0 Specification with their description and details on each of these messages:

Table 2-1: Profile Management Messages Supported in Mail.XML 8.1 and Mail.XML 10.0

Message Name	Message Description
USPSMIDCreateRequest	This message will allow Mailers to request the *PostalOne!* System to create the Mailer ID (MID), if one already exists, USPS responds with the existing MID..
USPSMIDCreateResponse	This is a response message that notifies the requestor whether the request for creating the MID has been accepted or rejected. If the request is accepted than the MID will be sent back to mailer in the response message
USPSCRIDCreateRequest	This message will allow mailers to request the *PostaOne!* System to create the CRID for their corporation, if one already exists, USPS responds with the existing CRID.
USPSCRIDCreateResponse	This is a response message that informs the requestor whether the request for creating the CRID has been accepted or rejected. If the request is accepted than the CRID will be sent back to the mailer in the response message

3.2 Profile Management Messages Workflow

All messages in Profile Management families follows Pull method where user sends a request and expects to receive a response whether with the data or error/return code that is returned to the user.

There is no order by which user must request or send messages. User can request CRID or MID creation messages without any order.

3.3 Exceptions

Following is the list of exceptions identified by USPS.

Mail.XML Version	Exception Description
8.1 and 10.0	The customer should not zero pad their MID and CRID ID's

3.4 Fault Codes

Faults, such as a message timeout or invalid XML are to be communicated using the <fault

element and returned within the detail section of the SOAP fault. The fault is made up of a tracking ID and one or more fault codes and optional fault descriptions. Note all of the Error/Return Codes listed below are supported in all three version of the Mail.XML i.e. 8.1, 9.0C, and 10.0.

Below is the list of fault codes that are applicable to all Mail.XML messages, they are sent whenever a fault occurs in the transmission of the message.

Table 2-2: Fault Codes

Code	Description	Messages
402	Not Well Formed XML	Fault (All Mail.XML Messages)
403	Validation Failure – {specific error message thrown by parser}	Fault (All Mail.XML Messages)
412	Unauthorized – Required SubmittingParty	Fault (All Mail.XML Messages)
412	Unauthorized – User does not have access to specified SubmittingParty	Fault (All Mail.XML Messages)
412	Unauthorized – User does not have access to "Manage Mailing Activity" service	Fault (All Mail.XML Messages)
412	Unauthorized - Invalid user ID	Fault (All Mail.XML Messages)
412	Unauthorized - Invalid user password	Fault (All Mail.XML Messages)
412	Unauthorized - Account disabled	Fault (All Mail.XML Messages)
412	Unauthorized - Maximum password retries reached	Fault (All Mail.XML Messages)
412	Unauthorized - Profile not found	Fault (All Mail.XML Messages)
440	Sorry - Mail.XML version is not supported	Fault (All Mail.XML Messages)
500	Generic Internal Responder Error	Fault (All Mail.XML Messages)
500	Your request has been accepted for processing by USPS. Use the attached Tracking ID with a MessageResponseRetrievalRequest message to get the status of your request.	Fault (All Mail.XML Messages)
500	Generic Internal Responder Error (Authentication Service Failed)	Fault (All Mail.XML Messages)
503	Not Implemented - Mail.XML message received is not supported (MessageName)	Fault (All Mail.XML Messages)

3.5 MID and CRID Error/Return Codes

Below is the list of the return codes that the *PostalOne!* system will communicate to the customer in response to the MID/CRID Create request messages to indicate the success or the failure of the request. These error/return codes are applicable to both Mail.XML 8.10 and Mail.XML 10.0 versions.

Table 2-3*: PostalOne!* – MID CRID Return Code Values

Code	Description	Messages
5000	FULLSERVICE-EDOC: REQUEST SERVED SUCCESSFULLY.	USPSCRIDCreateResponse
5001	FULLSERVICE-EDOC: Not Valid Schema.	USPSCRIDCreateResponse
5007	FULLSERVICE-EDOC: Internal System error message. Please contact *PostalOne!* Help Desk	USPSCRIDCreateResponse

5008	FULLSERVICE-EDOC: Empty Message. Please Contact *PostalOne!* Help Desk.	USPSCRIDCreateResponse
5009	FULLSERVICE-EDOC: Request is not XML Message. Please Contact *PostalOne!* Help Desk.	USPSCRIDCreateResponse
5012	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock' must be specified when 'ApplyingForSelf' is 'No'.	USPSCRIDCreateResponse
5013	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock	USPSCRIDCreateResponse

Code	Description	Messages
	> UnderstandLegalLiabilityForApplyingForSomeOneElse' must be 'Yes'' when 'ApplyingForSelf' is 'No'.	
5014	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock > AcknowledgeNotifyingTheMailOwner' must be 'Yes' when 'ApplyingForSelf' is 'No'.	USPSCRIDCreateResponse
5015	FULLSERVICE-EDOC: The text in the 'USPSLegalAgreement' element does not match the text defined in the Mail.XML specification.	USPSCRIDCreateResponse
5017	FULLSERVICE-EDOC: The address provided is not a valid USPS address	USPSCRIDCreateResponse
5018	FULLSERVICE-EDOC: Multiple locations were found for the given address. Please be more specific with the address you provide so that it maps to a single location.	USPSCRIDCreateResponse
5000	FULLSERVICE-EDOC: REQUEST SERVED SUCCESSFULLY.	USPSMIDCreateResponse
5001	FULLSERVICE-EDOC: Not Valid Schema.	USPSMIDCreateResponse
5007	FULLSERVICE-EDOC: Internal System error message. Please contact *PostalOne!* Help Desk	USPSMIDCreateResponse
5008	FULLSERVICE-EDOC: Empty Message. Please Contact *PostalOne!* Help Desk.	USPSMIDCreateResponse
5009	FULLSERVICE-EDOC: Request is not XML Message. Please Contact *PostalOne!* Help Desk.	USPSMIDCreateResponse
5012	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock' must be specified when 'ApplyingForSelf' is 'No'.	USPSMIDCreateResponse
5013	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock > UnderstandLegalLiabilityForApplyingForSomeOneElse' must be 'Yes'' when 'ApplyingForSelf' is 'No'.	USPSMIDCreateResponse
5014	FULLSERVICE-EDOC: 'LegalAcknowledgementBlock > AcknowledgeNotifyingTheMailOwner' must be 'Yes' when 'ApplyingForSelf' is 'No'.	USPSMIDCreateResponse
5015	FULLSERVICE-EDOC: The text in the 'USPSLegalAgreement' element does not match the text defined in the Mail.XML specification.	USPSMIDCreateResponse
5016	FULLSERVICE-EDOC: The specified 'CustomerCRID' could not be found.	USPSMIDCreateResponse

4. Data Structure and Business Rules for Mail.XML 10.0 A Specification

The section below spells out the business rules and data structure for each of the MID and CRID messages that will be supported in the Mail.XML 10.0 A specification

4.1 USPSMIDCreateRequest

The purpose of this message is to send a request for creating Mailer ID

Prerequisites

- Mailer requests the creation of one or more MIDs.
- Mailer passes in the following information at a minimum per MID requested (information must be repeated for each MID requested):
  - CRID
  - ApplyingForSelf
- PostalOne! will provide feedback to the mailer using USPSMIDCreateResponse Message
  If successful:
  - Response is returned to mailer
  - Response will include per MID requested:
    a. One 9-digit MID if newly created
    b. One or more MIDs if existing

  If not successful:
  - Response is returned to mailer:
  - Response will indicate the problem per MID requested

Business Rules

For each USPSMIDCreateRequest message, the customer needs to provide the information for all of the required blocks.

1. Submitting Party
2. Submitting Software
3. Customer CRID
4. Customer Name (Optional_
5. Optional to provide Permit Info
6. Company HQ Indicator – The accepted values are ‘Yes’ or ‘No’ (Optional)
7. Address Information (optional)
8. Sequence Number (Optional)
9. Applying for Self Indicator. Accepted values are ‘Yes’ or ‘No’ – Required
10. Legal Acknowledgment - Required to provide Legal Acknowledgment Block when Self Indicator is “No.” This block requires following info:
    a. UnderstandLegalLiabilityForApplyingForSomeOneElse
    b. AcknowledgementNotifyingTheMailOwner
    c. USPSLegalAgreement

Field Description

Field	Format	Acceptable Value	Business Rules	Comments
USPSMIDCreateRequest BEGINS				

Field	Format	Acceptable Value	Business Rules	Comments
SubmittingParty	participantIDType complex type	-	Required	Refer this complex type in Appendix B
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer this complex type in Appendix B
MIDEntry	midEntryType complex type	-	Required 1 to many	See below for details on midEntryType
midEntryType BEGINS				
CustomerCRID	CRIDType simple type	-	Required	Refer this simple type in Appendix C
CustomerName	String		Optional	
PermitPublicationData	permitPublicationDataType complex type	-	Optional	Refer this complex type in Appendix B
CompanyHQIndicator	yesNo simple type	-	Optional	Refer this simple type in Appendix C
Address1	String 64		Optional	
Address2	String 64		Optional	
City	String 50		Optional	
State	String 2		Optional	
ZipCode	Numeric String 5		Optional	
SequenceNumber	Integer		Optional	
ApplyingForSelf	yesNo simple type	-	Required	Refer this simple type in Appendix C
LegalAcknowledgment Block	legalAcknowledgementBlockMIDType complex type	-	Optional	Refer this complex type in Appendix B
midEntryType ENDS				
USPSMIDCreateRequest ENDS				

4.2 USPSMIDCreateResponse

The message is sent by USPS to customer in response to MID Create request

Prerequisites

- Mailer requests the creation of one or more MIDs.
- Mailer passes in the following information at a minimum per MID requested (information must be repeated for each MID requested):

- CRID
- ApplyingForSelf

- PostalOne! will provide feedback to the mailer using USPSMIDCreateResponse Message
  If successful:
  - Response is returned to mailer
  - Response will include per MID requested:
    a. One 9-digit MID if newly created
    b. One or more MIDs if existing

  If not successful:
  - Response is returned to mailer
  - Response will indicate the problem per MID requested

Business Rules
The USPSMIDCreateResponse message returns one of the two messages block i.e. MID Accepted or MID Reject Block.

1. In ACCEPT block
   - Returns all of the data blocks/elements that were sent in the USPSMIDCreateRequest message AND
   - MID information, which is either MID6 or MID9 AND
   - REQUIRED return info block that contains return code and return description

2. in REJECT block
   - Returns all of the data blocks/elements that were sent in the USPSMIDCreateRequest message AND
   - REQUIRED return info block that contains return code and return description to communicate the issue

Field Description

Field	Format	Acceptable Value	Business Rules	Comments
USPSMIDCreateResponse BEGINS				
TrackingID	String 12	-	Optional Allows the user to retrieve the data without requerying again.	
Choice Block BEGINS			1 to many allowed Either Accept or Reject block is returned	
USPSMIDCreateAcceptBlock BEGIN				
MID	MIDType complex type	-	Required 1 to many	Refer this complex type in Appendix B

Field	Format	Acceptable Value	Business Rules	Comments
MIDStatus	mIDStatus Type simple type	-	Required	Refer this simple type in Appendix C
MIDEntry	midEntryType complex type	-	Required	Refer this complex type in Appendix **B**
ReturnInfo	basicReturnInfo complex type		Optional	Refer this complex type in Appendix **B**
USPSMIDCreateAcceptBlock END				
USPSMIDCreateRejectBlock BEGIN				
MIDEntry	midEntryType complex type	-	Required	Refer this complex type in Appendix **B**
ReturnInfo	basicReturnInfo complex type	-	Required	Refer this complex type in Appendix **B**
USPSMIDCreateRejectBlock END				

Choice Block ENDS

USPSMIDCreateResponse ENDS				

4.3 USPSCRIDCreateRequest

The purpose of this message is to send a request for creating Mailer ID

Prerequisites

- Mailer requests the creation of one or more CRIDs using USPSCRIDCreateRequest Message.
- Mailer passes the required information per CRID requested
- PostalOne! provides feedback to the mailer using USPSCRIDCreateResponse Message

  If successful:
  - Response is returned to mailer
  - Response will indicate whether the included CRID is new or existing
  - There will always be exactly one CRID returned for a given CRID requested

  If not successful:
  - Response is returned to mailer:
  - Response will indicate the problem per CRID requested

Business Rules

For each USPSCRIDCreateRequest message, the customer needs to provide the information for all of the required blocks.

1. Submitting Party
2. Submitting Software
3. Company Name
4. Permit Publication Block that must provide information for the following required elements:
    a. Permit Number and PermitZip4 OR
    b. Publication Number
5. Company HQ indicator. The accepted values are 'Yes' or 'No'
6. Address Information block that must provide information for the required elements. Only AMS matched addresses will be processed for CRIDs. Mailers are requested to verify if the addresses are cleansed and can be matched in the AMS system.
    a. Address 1
    b. City
    c. State
    d. Zip Code
7. Address Match Indicator. The accepted values are 'Yes' or 'No'
8. Applying for Self indicator. The accepted values are 'Yes' or 'No'
9. Required to provide Legal Acknowledgment block when 'Self Indicator' is No. The block requires following information
    a. UnderstandLegalLiabilityForApplyingForSomeOneElse. The accepted values are 'Yes' or 'No'.
    b. AcknowledgeNotifyingTheMailOwner. The accepted values are 'Yes' or 'No'
    c. USPSLegalAgreement. This field contains the USPS legal agreement by default.

Field Description

Field	Format	Acceptable Value	Business Rules	Comments
SubmittingParty	participantIDType complex type	-	Required	Refer this complex type in Appendix **B**
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer this complex type in Appendix **B**
CRIDEntry	CRIDEntryType complex type	-	Required 1 to many allowed	See below details for CRIDEntryType
CRIDEntryType BEGINS				
CompanyName	String 40		Required	-
PermitPublicationData	permitPublicationDataType complex type	-	Optional	Refer this complex type in Appendix **B**

Field	Format	Acceptable Value	Business Rules	Comments
CompanyHQIndicator	yesNo simple type	-	Optional	Refer this simple type in Appendix C
Address	addressType complex type	-	Required	Refer this complex type in Appendix **B**
AddressMatch	yesNo simple type	-	Required	Refer this simple type in Appendix **C**
ApplyingForSelf	yesNo simple type	-	Required	Refer this simple type in Appendix C
LegalAcknowledgementBlock	legalAcknowledgementBlockCRIDtype complex type	-	Optional	Refer this complex type in Appendix **B**
CRIDEntryType BEGINS				

4.4 USPSCRIDCreateRespone

This message is sent by USPS to customer with the CRID number

Prerequisites

- Mailer requests the creation of one or more CRIDs using USPSCRIDCreateRequest Message.
- Mailer passes the required information per CRID requested
- *PostalOne!* provides feedback to the mailer using USPSCRIDCreateResponse Message

  If successful:
  - Response is returned to mailer
  - Response will indicate whether the included CRID is new or existing
  - There will always be exactly one CRID returned for a given CRID requested

  If not successful:
  - Response is returned to mailer:
  - Response will indicate the problem per CRID requested

Business Rules

The USPSCRIDCreateResponse message returns one of the two messages block i.e. MID Accepted or MID Reject Block.

1. In ACCEPT block
   - Returns all of the data blocks/elements that were sent in the USPSCRIDCreateRequest message AND
   - CRID number AND
   - REQUIRED return info block that contains return code and return description to communicate the issues
2. In REJECT block

- Returns all of the data blocks/elements that were sent in the USPSCRIDCreateRequest message AND
- REQUIRED return info block that contains return code and return description to communicate the issue

Field Description

Field	Format	Acceptable Value	Business Rules	Comments
USPSCRIDCreate Response BEGINS				
TrackingID	String 12	-	Optional Allows the user to retrieve the data without requerying it.	-
Choice Block BEGINS			Required 1 to many allowed. Either QueryResults or QueryError block is returned	
USPSCRIDCreate Accept BEGINS			Required	
CRID	CRIDType	-	Required	Refer this simple type in Appendix C
CRIDStatus	cRIDStatusType simple type	-	Required	Refer this simple type in Appendix C
CRIDEntry	cridEntryType complex type	-	Required	Refer this complex type in Appendix B
ReturnInfo	basicReturnInfo complex type	-	Optional	Refer this complex type in Appendix **B**
USPSCRIDCreate Accept Block END				
USPSCRIDCreate Reject Block BEGIN				
CRIDEntry	cridEntryType complex type		Required	Refer this complex type in Appendix **B**

Field	Format	Acceptable Value	Business Rules	Comments
ReturnInfo	basicReturnInfo complex type		Required	Refer this complex type in Appendix **B**
USPSCRIDCreate Reject Block END				
USPSCRIDCreate Response ENDS				

5. Appendix A – Mail.XML 10.0 Complex and Attribute Groups Definitions

5.1 Complex Type: CRIDEntryType

Field	Format	Acceptable Value	Business Rules	Comments
CRIDEntryType BEGINS				
CompanyName	String 40		Required	-
PermitPublicationData	permitPublicationDataType complex type	-	Optional	Refer this complex type in Appendix B
CompanyHQIndicator	yesNo simple type	-	Optional	Refer this simple type in Appendix C
Address	addressType complex type	-	Required	Refer this complex type in Appendix B
AddressMatch	yesNo simple type	-	Required	Refer this simple type in Appendix C
ApplyingForSelf	yesNo simple type	-	Required	Refer this simple type in Appendix C
LegalAcknowledgementBlock	legalAcknowledgementBlockCRIDtype complex type	-	Conditional; required when ApplyingForSelf is set to No	Refer this complex type in Appendix C
CRIDEntryType BEGINS				

5.2 Complex Type: LegalAknowledgmentBlockCRIDType

Field	Format	Acceptable Value	Business Rules	Comments
LegalAcknowledgementBlockCRIDType BEGINS				
UnderstandLegalLiabilityForApplyingForSomeOneElse	yesNo simple type	-	Required	Refer this simple type

Field	Format	Acceptable Value	Business Rules	Comments
				in Appendix C
AcknowledgeNotifyingTheMailOwner	yesNo simple type	-	Required	Refer this simple type in Appendix C
USPSLegalAgreement	String		Required Mail Owner Agreement:This pertains to the services being requested on behalf of the Mail Owner identified on the Mailer ID (MID) and Customer Registration ID (CRID) application to the United States Postal Service (USPS) by the named Mailing Agent.- a. I acknowledge that my Mailing Agent has reviewed the terms and condition regarding online account access and mailer identification requirements. - b. I acknowledge that I was advised that I could obtain details or ask questions from the USPS of where my accounts are held. -c. I understand that my Mailing Agent will have access to all information, including financial data relating to the accounts to which I grant access. -d. I understand that by signing this agreement I am authorizing the Mailing Agent identified below to act on behalf of my organization to request and obtain services from the USPS. -e. I understand that I will be responsible for all actions performed by my Mailing Agent against my accounts. -f. I have fully read and considered all of the terms and statements contained in this agreement before agreeing with this document. - Mailing Agent Agreement: - g. I understand that I have been granted authorization by the Mail Owner identified on the MID and Customer Registration ID (CRID) applications to act as	-

Field	Format	Acceptable Value	Business Rules	Comments
			their Mailing Agent to the USPS and conduct the services requested for business mailing matters on their behalf. - h. I have advised the Mail Owner of the services being requested and what they mean regarding their mailings, accounts, and information access. -i. I understand that I have notified the Mail Owner and the Mail Owner has agreed to all statements from statement 'a' through 'f' in the Mail Owner Agreement and is giving me authorization to request a MID and/Or CRID on its behalf. I certify that I have read and understand the terms and conditions outlined in this USPSLegalAgreement and my communication to the USPS shall be deemed as my signed copy of the agreement.	
LegalAcknowledgementBlockCRIDType ENDS				

5.3 Complex Type: LegalAknowledgmentBlockMIDType

Field	Format	Acceptable Value	Business Rules	Comments
LegalAcknowledgementBlockMIDType BEGINS				
UnderstandLegalLiabilityForApplyingForSomeOneElse	yesNo simple type	-	Required	Refer this simple type in Appendix C
AcknowledgeNotifyingTheMailOwner	yesNo simple type	-	Required	Refer this simple type in Appendix C
USPSLegalAgreement	String		Required Mail Owner Agreement:This pertains to the services being requested on behalf of the Mail Owner identified on the Mailer ID (MID) and Customer Registration ID (CRID) application to the United States	-

Field	Format	Acceptable Value	Business Rules	Comments
			Postal Service (USPS) by the named Mailing Agent.- a. I acknowledge that my Mailing Agent has reviewed the terms and condition regarding online account access and mailer identification requirements. - b. I acknowledge that I was advised that I could obtain details or ask questions from the USPS of where my accounts are held. -c. I understand that my Mailing Agent will have access to all information, including financial data relating to the accounts to which I grant access. -d. I understand that by signing this agreement I am authorizing the Mailing Agent identified below to act on behalf of my organization to request and obtain services from the USPS. -e. I understand that I will be responsible for all actions performed by my Mailing Agent against my accounts. -f. I have fully read and considered all of the terms and statements contained in this agreement before agreeing with this document. - Mailing Agent Agreement: - g. I understand that I have been granted authorization by the Mail Owner identified on the MID and Customer Registration ID (CRID) applications to act as their Mailing Agent to the USPS and conduct the services requested for business mailing matters on their behalf. - h. I have advised the Mail Owner of the services being requested and what they mean regarding their mailings, accounts, and information access. -i. I understand that I have notified the Mail Owner and the Mail Owner has agreed to all statements from statement 'a' through 'f' in the Mail Owner Agreement and is giving me authorization to request a MID	

Field	Format	Acceptable Value	Business Rules	Comments
			and/Or CRID on its behalf. I certify that I have read and understand the terms and conditions outlined in this USPSLegalAgreement and my communication to the USPS shall be deemed as my signed copy of the agreement.	
LegalAcknowledgementBlockMIDType ENDS				

5.4 Complex: MidEntryType

Field	Format	Acceptable Value	Business Rules	Comments
midEntryType BEGINS				
CustomerCRID	CRIDType simple type	-	Required	Refer this simple type in Appendix C
CustomerName	String		Optional	
PermitPublicationData	permitPublicationDataType complex type	-	Optional	Refer this complex type in Appendix B
CompanyHQIndicator	yesNo simple type	-	Optional	Refer this simple type in Appendix C
Address1	String 64		Optional	
Address2	String 64		Optional	
City	String 50		Optional	
State	String 2		Optional	
ZipCode	Numeric String 5		Optional	
SequenceNumber	Integer		Optional	
ApplyingForSelf	yesNo simple type	-	Required	Refer this simple type in Appendix C
LegalAcknowledgment Block	legalAcknowledgementBlockMIDType complex type	-	Optional	Refer this complex type in Appendix B
midEntryType ENDS				

5.5 Complex: MIDType

Field	Format	Acceptable Value	Business Rules	Comments

MIDType BEGINS				
MID6	mailerID6Type simple type		Required	Refer this simple type in Appendix C
OR				
MID9	mailerID9Type simple type		Required	Refer this simple type in Appendix C
MIDType ENDS				

5.6 Complex Type: permitPublicationDataType

Field	Format	Acceptable Values	Business Rules	Comments
permitPublicationDataType BEGINS				
Choice Block BEGINS	-	-	Either PermitNumber, PermitType, PermitZip4 OR Publication Number is required	-
Sequence Block BEGINS				
Permit Number	String, 8	-	Required, when providing Permit Number and Permit Zip4 data	-
Permit Type	permitTypeType simple type	-	Required	Refer this simple type in Appendix C
Permit Zip4	Numeric String, 9	-	Required when providing Permit Number and Permit Zip 4 data	Refer this simple type in Appendix C
Sequence Block ENDS				
Publication Number	String, 8	-	Either provide Permit Number, Permit Type 4 and optional Permit Type OR this field.	-
Choice Block ENDS				
permitPublicationDataType ENDS				

5.7 Complex Type: basicReturnInfo

Field	Format	Acceptable Values	Business Rules	Comments
Sequence Block BEGIN			Optional 0 to many allowed	
Return Code	Numeric String – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
ContainerErrorWarningBlock	containerErrorWarningBlockType complex type	-	Optional	Refer this complex type in Appendix B
Sequence Block END				

5.8 Complex Type: SubmittingParty, participantIDType

Field	Format	Acceptable Values	Business Rules	Comments
MailerID6	mailID6Type simple type		Not required (attribute) Either MailerID6 or MailerID9 can be provided, not both	Refer this simple type in Appendix C
MailerID9	mailerID9Type		Not required (attribute) Either MailerID6 or MailerID9 can be provided, not both	Refer this simple type in Appendix C
CRID	CRIDType		Not required (attribute), Either CRID or MID can be provided for authorization	Refer this simple type in Appendix C
SchedulerID	String, 12		Optional	
MaildatUserLicense	userLicenseCodeType simple type		Optional	Refer this simple type in Appendix C
ShippingAgentID	String 12	-	Optional	-
ReceivingAgentID	String 12	-	Optional	-

5.9 Complex Type: SubmittingSoftware

Field	Format	Acceptable Values	Business Rules	Comments
SoftwareName	String		Required	
Vendor	String		Required	

Field	Format	Acceptable Values	Business Rules	Comments
Version	String		Required	
ApprovalDate	Date	YYYY-MM-DD	Optional	Changed the type to 'Date' based on errata
ApprovalKey	String		Optional	

5.10 Complex Type: VerificationErrorType

Field	Format	Acceptable Value	Business Rules	Comments
Sequence Block BEGIN			Optional 0 to many allowed	
VerificationErrorCode	Numeric String 4		Required	
VerificationError Description Sequence Block END	String 260		Optional	

6. Appendix B – Simple Types Data Structure

The simple types below list variation of validation in Mail.XML for each version of the Mail.XML (i.e. 8.1, and 10.0). A column highlighted in YELLOW indicates that there is at least one change made from previous version. For example – if Mail.XML 8.1 column is highlighted in YELLOW, it means that at least one change is made in v8.1 from v7.0C. Another variation in the table below is when both v8.1 and v10.0 columns are highlighted in YELLOW. It means that there is at least one change made in v8.1 from v7.0C and then there was another change made in v10.0 from v8.1.

NOTE: The Mail.XML 7.0C and 8.0B versions will no longer be supported from October 2011 thus all references to 7.0C and 8.0B have been removed from this guide including simple types definitions.

6.1 simpleType: cRIDStatusType

Tag	Mail.XML 10.0
Base	xs:string
enumeration	New
enumeration	Existing

6.2 simpleType: CRIDType

Tag	Mail.XML 10.0
Base	xs:string
maxLength	15
minLength	1
pattern	([0-9])*

6.3 simpleType: mailerID6Type

Tag	Mail.XML 10.0
Base	mailxml_base:ns06

6.4 simpleType: mailerID9Type

Tag	Mail.XML 10.0
Base	mailxml_base:ns09

6.5 simpleType: mIDStatusType

Tag	Mail.XML 10.0
Base	xs:string
enumeration	New
enumeration	Existing

6.6 simpleType: ns04

Tag	Mail.XML 10.0
Base	xs:string
pattern	[0-9]{4}

6.7 simpleType: ns05

Tag	Mail.XML 10.0
Base	xs:string
pattern	[0-9]{5}

6.8 simpleType: ns09

Tag	Mail.XML 10.0
Base	xs:string
pattern	[0-9]{9}

6.9 simpleType: permitTypeType

Tag	Mail.XML 10.0
Base	xs:string
enumeration	PI
enumeration	MT
enumeration	PC
enumeration	BR
enumeration	PE
enumeration	GH
enumeration	OI
enumeration	OM
enumeration	PP
enumeration	-

6.10 simpleType: s12

Tag	Mail.XML 10.0
Base	xs:string
maxLength	12
minLength	1
whiteSpace	preserve

6.11 simpleType: s40

Tag	Mail.XML 10.0
Base	xs:string
maxLength	40
minLength	1
whiteSpace	preserve

6.12 simpleType: s50

Tag	Mail.XML 10.0
Base	xs:string
maxLength	50
minLength	1
whiteSpace	preserve

6.13 simpleType: s64

Tag	Mail.XML 10.0
Base	xs:string
maxLength	64
minLength	1
whiteSpace	preserve

6.14 simpleType: s260

Tag	Mail.XML 10.0
Base	xs:string
maxLength	260
minLength	1
whiteSpace	preserve

7. Appendix C - WSDLs and XSDs

The WSDL specification are posted on RIBBS® and can be downloaded from the following location:
http://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/xmlspec/wsdls/wsdls.htm
The above RIBBS® URL provides WSDLs for both TEM and production environments. User should always use this link to access the correct and updated version of WSDLs in future.

PULL WSDL LINKS FOR TEM ENVIRONMENT

To consume the WSDL services, the customer must use one of the following URLs in the TEM environments:

STRING-TYPE WSDL URL Link(s)

https://mailxmltem.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

MESSAGE-TYPE WSDL URL Link(s)

The following link supports Mail.XML 8.1 version:

https://mailxmltem.uspspostalone.com/MailXML81ALLMsgType/WebServices/wsdl/USPSMailXML81ALLMsgType.wsdl

The following link supports Mail.XML Modular Specification (9.x and above):
On the Modular XSD, we support following WSDL points based on the Messages Group (Mailing, Supply Chain, Transportation, Data Distribution, and Identification). The WSDL endpoint for the message group will not change, will support multiple versions of Modular spec. In Release 25 – only Mailing, Supply Chain and Transportation (limited messages) will be supported.

Mailing:
https://mailxmltem.uspspostalone.com/Mailing/WebServices/wsdl/Mailing.wsdl

Supply Chain:
https://mailxmltem.uspspostalone.com/SupplyChain/WebServices/wsdl/SupplyChain.wsdl

Transportation:
https://mailxmltem.uspspostalone.com/Transportation/WebServices/wsdl/Transportation.wsdl

Data Distribution:
https://mailxmltem.uspspostalone.com/DataDistribution/WebServices/wsdl/DataDistribution.wsdl

Identification:
https://mailxmltem.uspspostalone.com/Identification/WebServices/wsdl/Identification.wsdl

PULL WSDL LINKS FOR PRODUCTION ENVIRONMENT

To consume the WSDL services, the customer must use one of the following URLs in the Production environments:

STRING-TYPE WSDL URL Link(s)

https://fast.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

MESSAGE-TYPE WSDL URL Link(s)

The following link supports Mail.XML 8.1 version:

https://p1webservices.uspspostalone.com/MailXML81ALLMsgType/WebServices/wsdl/USPSMailXML81ALLMsgType.wsdl

The following link supports Mail.XML Modular Specification (9.x and above):
On the Modular XSD, we support following WSDL points based on the Messages Group (Mailing, Supply Chain, Transportation, Data Distribution, and Identification). The WSDL endpoint for the message group will not change, will support multiple versions of Modular spec. In Release 25 – only Mailing, Supply Chain and Transportation (limited messages) will be supported.

Mailing:
https://p1webservices.uspspostalone.com/Mailing/WebServices/wsdl/Mailing.wsdl

Supply Chain:
https://p1webservices.uspspostalone.com/SupplyChain/WebServices/wsdl/SupplyChain.wsdl

Transportation:
https://p1webservices.uspspostalone.com/Transportation/WebServices/wsdl/Transportation.wsdl

Data Distribution:
https://p1webservices.uspspostalone.com/DataDistribution/WebServices/wsdl/DataDistribution.wsdl

Identification:
https://p1webservices.uspspostalone.com/Identification/WebServices/wsdl/Identification.wsdl

PUSH WSDLs INFORMATION

Customers interested in using the Push Subscription model to receive the data feedback automatically at a specified time to their servers must understand the following WSDL name change information for both string-type and message-type WSDLs:

STRING-TYPE PUSH WSDL

The customer need to provide URL for their Web Server and uses the following WSDL for all Mail.XML versions i.e. 8.1.The String-type Push WSDL will retire after Mail.XML 9.0X release. USPS encourage users to move to message-type WSDL as soon as possible.

WSDL NAME: POCustomerMailXMLServices.wsdl

MESSAGE-TYPE PUSH WSDL

The customer need to provide URL for their Web Server and uses the following WSDL that only supports Mail.XML version 8.1. The Message-type WSDL will be strictly implemented post Mail.XML 9.0X version

For Mail.XML 8.1 – following WSDL name shall be used:

WSDL NAME: UserMailXML81PushMsgType.wsdl

For Mail.XML 9.1 & 10.0 and future versions – following WSDL name shall be used:

WSDL NAME for Data Distribution: DataDistributionPush.wsdl

WSDL NAME for Transportation: TransportationPush.wsdl

PUSH MESSAGES XSD NAME CHANGES INFORMATION

The USPS is implementing a new XSD name to support Mail.XML 8.1, and Mail.XML 9.0B Push subscription messages.